



APR 15 2004

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PATENT
(Docket No. IN-5551)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Manuela ARMBRUST

Serial No.: 10/049,532

Filed: February 12, 2002

For: Sol-Gel Coating

Group Art Unit: 1713

Examiner: William Cheung

I hereby certify that the attached correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. ER462653153US addressed to Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450 on the date shown below.

4-14-04
Date

Michael Morgan
Michael Morgan

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Enclosed are:

This Transmittal Page in duplicate
Information Disclosure Statement
PTO-1449
Cited References

Pages

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3
1

CONDITIONAL PETITION FOR EXTENSION OF TIME

Applicant believes that no extension of time is required. This conditional petition of time is being made, however, to provide for the possibility that applicants have inadvertently overlooked the need for a petition for extension of time. In this event, please charge Deposit Account 23-3425 the necessary extension of time fees. This document is submitted in duplicate.

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

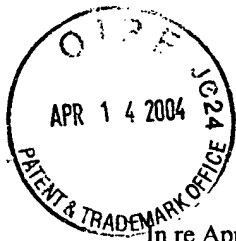
The Director - U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account 23-3425 any fees necessary for entry of any of the above listed documents. This document is submitted in duplicate.

Respectfully submitted,

Michael Morgan
Michael F. Morgan, Esq. (Reg. No. 42,906)
(248) 948-2355

BASF Corporation
26701 Telegraph Road
Southfield, MI 48034-2442

Date: 14 April 2004



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4-4-04
Date

Michael Morgan
Michael Morgan

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant(s) submit(s) herewith patents, publications, or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

☒ Submitted herewith is Form PTO-1449 (Modified) listing patents, publications, or other information for consideration by the Office.

The present application is copending with 09/914,937 and 09/914,545, and it was previously copending with 10/069,188, which issued as 6,713,559.

COPIES PROVIDED:

☒ Legible copies of all items listed on Form PTO-1449 accompany this information statement, except as indicated below:

☐ Under 35 U.S.C. §120, this application relies on the earlier filing date of prior application Serial No. [], filed on []. The following references were submitted to and/or cited by the Office on this prior application and are therefore not required to be provided in this application:

☐ In accordance with 37 C.F.R. §1.98(c), a copy of only [] is being submitted with this Information Disclosure Statement, and is cumulative of the following patents or publications listed on Form PTO-1449:

FOREIGN LANGUAGE DOCUMENTS

- ☒ There are no foreign language documents listed on Form PTO-1449.
- ☐ The following non-English language references were cited in the specification. The English language equivalents for these references are being submitted in substitution for the non-English references.
- ☐ English language abstract for the following non-English references are enclosed.
- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of portions of those patents, publications or information considered to be material:
- ☐ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith:
- ☐ Submitted herewith is an English language version of a search report listing information not in the English language and indicating the degree of relevancy found by the European Patent Office, in satisfaction of the requirement (under 37 C.F.R. §1.98(a)(3)) for a concise explanation of the relevance of non-English information.
- ☐ A concise explanation of the relevance of the following listed non-English language information is included as presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information as set forth below:
- ☐ A concise explanation of the relevance of the following listed non-English language information is set forth in the above-identified specification:

CERTIFICATION:

- ☒ The Information Disclosure Statement transmitted herewith is being filed **within** three (3) months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). Accordingly, it is believed that no certification or fee is due.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three (3) months of the filing date of the application or the date of entry into the national stage of an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but **before** the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first. Accordingly, I hereby certify that:
- ☒ Each statement of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**

Information Disclosure Statement
Page 3

- ☐ That no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge as the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **OR**
- ☐ Applicant elects the option to pay the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under 37 C.F.R. §1.97(c). Please charge the **\$180.00** IDS submission fee to BASF Corporation **Deposit Account No. 23-3425**. A duplicate of this paper is enclosed.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **After a Final Action** under 37 C.F.R. §1.113, or **After a Notice of Allowance** under 37 C.F.R. §1.311, whichever occurs first, but **Before Payment of the Issue Fee**. Accordingly, I hereby certify that:
- ☐ Each statement of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ That no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge as the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **AND**
- ☐ Applicant hereby petitions for consideration of this Information Disclosure Statement; 37 C.F.R. §1.97(d)(2)(ii). Please charge the petition fee of **\$130.00** to BASF Corporation **Deposit Account No. 23-3425**. A duplicate of this paper is enclosed.

The Commissioner is authorized to charge BASF Corporation Deposit Account No. 23-3425 for any additional fees due hereunder.

Reg. No.: **42,906**



SIGNATURE OF ATTORNEY and DATE

Michael F. Morgan April 14, 2004
Type or print name of attorney


Tel. No.: (248) 948-2355

BASF Corporation
26701 Telegraph Road

P.O. Address

Southfield, Michigan 48034-2442

Customer No. 26922

FORM PTO-1449 (MODIFIED)	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. IN-5551
		In re Application of: Manuela ARMBRUST et al.
		Serial No.: 10/049,532
		Filed: February 12, 2002

U.S. PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,221,329	06/22/93	Tarr			04/20/92
	AB	5,262,362	11/16/93	Covino-Hrbacek			06/22/92
	AC	5,385,988	01/31/95	Yamamoto et al.			09/22/92
	AD	5,412,016	05/02/95	Sharp			09/14/93
	AE	5,670,257	09/23/97	Sakai et al.			12/07/95
	AF	5,691,419	11/25/97	Engelke et al.			02/01/94
	AG	5,716,678	02/10/98	Röckrath et al.			11/17/95
	AH	5,789,085	08/04/98	Blohowiak et al.			11/04/96
	AI	5,973,068	10/26/99	Yamaya et al.			11/06/97
	AJ	5,989,687	11/23/99	Li			12/09/97
	AK	6,713,559	03/30/04	Armbrust et al.			02/21/02

FOREIGN PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	CA2079498	93.04.09	CA				
	AM							
	AN							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	U.S. Serial No. 09/914,545, filed 8-30-01, Betz et al., previously published as WO00/53687.
	AP	U.S. Serial No. 09/914,937, filed 9-5-01, Betz et al., previously published as WO00/53683.
	AQ	Bruce Novak, "Hybrid Nanocomposite Materials Between Inorganic Glasses and Organic Polymers", Adv. Mater. Vol. 5, No. 6, 1993, pp. 22-433.
	AR	R. Kasemann and H. Schmidt, "Coatings for Mechanical and Chemical Protection Based on Organic-Inorganic Sol-Gel Nanocomposites", New J. Chem., Vol. 18, No. 10, 1994, pp. 1117-1123.
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant has modified this form by deleting the word "prior".